INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD

TECHNICAL FIELD

[0001] The present disclosure relates to an information processing device and an information processing method.

BACKGROUND ART

[0002] Various devices are now being developed that recognize a user's utterance and execute processing corresponding to the recognized speech input. In addition, a technique for correcting an error, if any, in the recognized result on the basis of a re-input utterance is known. In one example, Patent Literature 1 discloses the speech recognition device that corrects the recognized result by selecting the most probable recognition candidate from recognition candidates for each predetermined segment in input speech.

CITATION LIST

Patent Literature

[0003] Patent Literature 1: JP 2007-093789A

DISCLOSURE OF INVENTION

Technical Problem

[0004] However, in the speech recognition device disclosed in Patent Literature 1, in the case where the predetermined segment is erroneously set, even if the user repeatedly utters a plurality of times, it may be difficult to obtain a recognition result intended by the user.

[0005] In view of this, the present disclosure provides an information processing device and an information processing method, capable of achieving more flexible correction of a recognized sentence.

Solution to Problem

[0006] According to the present disclosure, there is provided an information processing device including: a comparison unit configured to compare first sound-related information obtained from collected first utterance information with second sound-related information obtained from collected second utterance information; and a setting unit configured to set a new delimiter position different from a result of speech-to-text conversion associated with the first utterance information on a basis of a comparison result obtained by the comparison unit.

[0007] In addition, according to the present disclosure, there is provided an information processing device including: a reception unit configured to receive information regarding a new delimiter position different from a result of speech-to-text conversion associated with collected first utterance information; and an output control unit configured to control output of a new conversion result obtained by performing speech-to-text conversion on a basis of the new delimiter position. The new delimiter position is set on a basis of a result obtained by comparing first sound-related information obtained from the collected first utterance information with second sound-related information obtained from collected second utterance information.

[0008] In addition, according to the present disclosure, there is provided an information processing method including: comparing, by a processor, first sound-related information obtained from collected first utterance information with second sound-related information obtained from collected second utterance information; and setting a new delimiter position different from a result of speech-to-text conversion associated with the first utterance information on a basis of a result obtained by comparing the first sound-related information with the second sound-related information.

[0009] In addition, according to the present disclosure, there is provided an information processing method including: receiving, by a processor, information regarding a new delimiter position different from a result of speech-to-text conversion associated with collected first utterance information; and controlling output of a new conversion result obtained by performing speech-to-text conversion on a basis of the new delimiter position. The new delimiter position is set on a basis of a result obtained by comparing first sound-related information obtained from the collected first utterance information with second sound-related information obtained from collected second utterance information.

Advantageous Effects of Invention

[0010] According to the present disclosure as described above, it is possible to correct the recognized sentence more flexibly.

[0011] Note that the effects described above are not necessarily limitative. With or in the place of the above effects, there may be achieved any one of the effects described in this specification or other effects that may be grasped from this specification.

BRIEF DESCRIPTION OF DRAWINGS

[0012] FIG. 1 is a diagram illustrating an exemplary configuration of a system according to an embodiment of the present disclosure.

[0013] FIG. 2 is a functional block diagram of an information processing terminal according to the present embodiment.

[0014] FIG. 3 is a functional block diagram of an information processing server according to the present embodiment.

[0015] FIG. 4A is a diagram illustrated to describe speech-to-text conversion based on a new delimiter position according to the present embodiment.

[0016] FIG. 4B is a diagram illustrated to describe speech-to-text conversion based on a new delimiter position according to the present embodiment.

[0017] FIG. 5 is a diagram illustrating an example of confidence of the delimiter position according to the present embodiment.

[0018] FIG. 6A is a diagram illustrated to describe another example of the speech-to-text conversion based on a new delimiter position according to the present embodiment.

[0019] FIG. 6B is a diagram illustrated to describe another example of the speech-to-text conversion based on a new delimiter position according to the present embodiment.

[0020] FIG. 6C is a diagram illustrated to describe another example of the speech-to-text conversion based on a new delimiter position according to the present embodiment.

[0021] FIG. 7 is a flowchart illustrating a processing procedure by an information processing server on first utterance information according to the present embodiment.